

 <p>Financial Assistance Award</p> <p>DENALI COMMISSION 510 L Street, Suite 410 Anchorage, Alaska 99501 (907) 271-1414 (phone) (907) 271-1415 (fax) www.denali.gov</p>		Award Number	01550-00		
		Award Title	Remote Power System Upgrade - Akhiok, Alaska		
		Performance Period	May 1, 2018 through December 31, 2020		
Authority 112 Stat 1854	CFDA Number 90.100	Recipient Organization & Address Alaska Energy Authority 813 W Northern Lights Blvd Alaska Energy Authority			
Denali Commission Finance Officer Certification		Phone: 907-771-3000 Recipient DUNS # 054072608 TIN # 926001185			
Cost Share Distribution Table					
Accounting Code	New Funding		Prior Period Funding		Total
	Denali Commission	Other Contributors	Denali Commission	Other Contributors	
95670000	\$1,500,000.00		\$0.00		\$1,500,000.00
	\$0.00		\$0.00		\$0.00
	\$0.00		\$0.00		\$0.00
	\$0.00		\$0.00		\$0.00
	\$0.00		\$0.00		\$0.00
State of Alaska		\$1,500,000.00		\$0.00	\$1,500,000.00
		\$0.00		\$0.00	\$0.00
		\$0.00		\$0.00	\$0.00
		\$0.00		\$0.00	\$0.00
		\$0.00		\$0.00	\$0.00
Total	\$1,500,000.00	\$1,500,000.00	\$0.00	\$0.00	\$3,000,000.00
This Financial Assistance Award approved by the Federal Co-Chair of the Denali Commission constitutes an obligation of federal funding.					
Signature of Authorized Official - Denali Commission Electronically Signed		Typed Name and Title Mr. Jay Farmwald Director of Programs		Date 04/18/2018	

AWARD ATTACHMENTS

Alaska Energy Authority

01550-00

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1. Terms and Conditions
 2. Attachment A
 3. Budget and Funding Summary

**Financial Assistance Award Terms and Conditions
Between the Denali Commission and Alaska Energy Authority
For Remote Power System Upgrade – Akhiok, Alaska
Award No. 1550**

1. Project Summary

- a. Scope of Work: Design and construction of community power plant in Akhiok, Alaska.
- b. Deliverables: Design documents, permits, complete functional power plant with a heat recovery system, and upgrades to the community overhead electrical distribution system.
- c. Budget: The Commission is making \$1,500,000 available for the project via this Financial Assistance Award (FAA). This amount includes all direct, indirect, and pre-award costs (if any) authorized pursuant to 2 CFR 200.458. All Commission funding is intended to be used for the scope of work identified in this FAA only. Any funds remaining after the full scope of work has been completed shall be returned to the Denali Commission consistent with 2 CFR 200.319.
- d. Delivery Method: AEA will subcontract both the design and the construction work.
- e. Performance Period: The Period of Performance for this FAA is May 1, 2018 through December 31, 2020. In accordance with 2 CFR 200.309 Recipients can only incur obligations or costs against this FAA during the Period of Performance, unless specifically authorized in the Special Provisions (Section 14 of this document). If a project cannot be completed within the approved Period of Performance, an extension request must be made in accordance with the Commission's *Recipient Guidelines and Requirements* (RGR) document dated July 2015, available at www.denali.gov.

More detailed information on scope, deliverables, budget, funding, project delivery method and/or management plan, schedule and key milestones are included in Attachment A dated April 2, 2018.

2. Project Reporting and Commission Site Visits

Progress reports and a close-out report are required under this FAA. Progress Reports shall be submitted at the frequency stipulated in the Special Provisions. The Closeout Report shall be completed within 90-days of the end of the Period of Performance. All reports must be submitted using the Denali Commission's on-line Project Database System, available at www.denali.gov/dcpdb.

Commission staff or agents of the Commission may make visits to the project site and/or home office to monitor progress during and/or after the Period of

Performance. The Recipient shall coordinate and make information available as necessary to facilitate any such site visits.

Refer to the *Recipient Guidelines and Requirements* document for further information related to reports and site visits.

3. Payments

Payments under this FAA will be made in accordance with 2 CFR 200.305 by electronic transfer in response to a Standard Form 270 (SF-270) "Request for Advance or Reimbursement", submitted by the Recipient. At a minimum, all 270's must include summary cost information on labor, materials, contracts/consultants, and indirect costs. Detailed documentation is required for any single expenditure greater than \$50,000. If Pre-award Costs and/or Advance Payments are authorized under this FAA, the Special Provisions will indicate so. Requests for reimbursements may be made as needed. Refer to the *Recipient Guidelines and Requirements* document for further information about submitting SF-270's.

4. Modifications

In accordance with 2 CFR 200.308, the Recipient shall report deviations in project scope, budget, delivery method, management plan, schedule, or changed site conditions, and request prior approvals from the Program Manager. The Recipient shall also submit written requests to the Program Manager for the replacement of Key Staff identified in the Special Provisions. Refer to the *Recipient Guidelines and Requirements* document for further information about modifying a Financial Assistance Award.

5. Financial Management, Record Keeping, Internal Controls, and Audits

The Recipient must have financial management and record keeping systems that are consistent with 2 CFR 200.302. If the Recipient is a State organization it must expend and account for FAA funds in accordance with applicable State laws and procedures for expending and accounting for the State's own funds.

The Recipient must establish and maintain effective internal controls with respect to this FAA that are consistent with 2 CFR 200.303.

In accordance with 2 CFR 200.501, Recipients that expend \$750,000 or more of federal funds in a year shall have a single or program-specific audit conducted for that year.

Refer to the *Recipient Guidelines and Requirements* document for further information about financial management, record keeping, internal controls and audits.

6. Direct and Indirect Costs

All direct costs must be allowable and reasonable. Indirect costs must be allocable based on accepted accounting policies and practices. Indirect costs must be specifically included as a line item or identified with appropriate notes in the approved FAA budget. Refer to 2 CFR 200 Subpart E (Cost Principles) and the *Recipient Guidelines and Requirements* document for further information on direct and indirect costs.

7. Sub-Awards and Contracts

All sub-awards and contracts issued by the Recipient under this FAA must comply with 2 CFR 200.331 and Appendix II to 2 CFR 200. Refer to the *Recipient Guidelines and Requirements* document for further information on this subject.

8. Acknowledgement of Support

The Recipient shall name the Denali Commission as a financial contributor and project/program partner in all media correspondence related to the work supported by this FAA. If Commission funds are used for construction, the Recipient shall also display a sign at the construction site that acknowledges the Commission's support. Refer to the *Recipient Guidelines and Requirements* document for further information on this subject.

9. Real and Personal Property

In accordance with 2 CFR 200.311, 313, and 316 the Denali Commission may require the Recipient to execute a security interest or other public notice of record to indicate that real or personal property acquired or improved, in whole or in part, with Federal funds is subject to a Federal interest. Any such requirements under this FAA, including post project reporting in accordance with 2 CFR 200.329, will be stipulated in the Special Provisions.

10. Conflict of Interest

In accordance with 2 CFR 200.112, the Recipient must disclose in writing any potential conflicts of interest to the Commission. In addition, 2 CFR 200.318 requires that Recipients maintain written standards of conduct covering conflicts of interest and governing the performance of their employees engaged in the selection, award, and administration of contracts. Refer to the *Recipient Guidelines and Requirements* document for further information on this subject.

11. Denali Commission Policies

Recipients may be required to comply with certain published Denali Commission policies which can be found in the *Recipient Guidelines and Requirements* document. Applicable policies are referenced in the Special Provisions of this FAA, and specific requirements/deliverables (if any) are stipulated in Appendix A.

12. Laws and Regulations

Recipients are required to comply with all applicable Federal laws and regulations. General categories of potentially applicable laws and regulations are summarized below. Refer to the *Recipient Guidelines and Requirements* document for further information on specific laws and regulations that may apply.

- a. Debarment and Suspension
- b. Whistle-blower Protection
- c. Non-Discrimination
- d. Lobbying and Propaganda
- e. Environmental
- f. Drug-Free Workplace
- g. Travel
- h. Human Rights
- i. Animal Welfare
- j. Executive Compensation

13. Other Provisions

- a. The United States expressly disclaims any and all responsibility or liability to the Recipient or sub-recipients for the actions of the Recipient or sub-recipients resulting in death, bodily injury, property damages, or any other losses resulting in any way from the performance of this FAA, including sub-awards, contracts, or sub-contracts issued in connection with this FAA.
- b. To the maximum extent practicable, considering applicable laws, the Recipient shall accomplish the project contemplated by this FAA using local Alaska firms and labor.
- c. All terms and conditions contained in this FAA apply to any sub-recipient under this FAA.
- d. Failure to comply with the provisions of this FAA or maintain satisfactory performance may result in additional FAA conditions pursuant to 2 CFR 207. This includes but is not limited to: temporarily withholding of payments pending the correction of the deficiency; disallowance of project costs; wholly or partially suspending or terminating the FAA. In addition, failure to comply with the provisions of this FAA may also have a negative impact on the Recipient's eligibility for future Federal awards.

14. Special Provisions

Progress Reports: Shall be submitted on a quarterly basis. The first reporting period is May 1, 2018 to September 30, 2018, and quarterly thereafter in accordance with the Commission's *Recipient Guidelines and Requirements*.

Pre-award Costs: N/A

Key Staff: Tim Sandstrom, AEA Project Manager; Amy Adler, Financial Manager

Advance Payments: N/A

Federal Property Interests and Reporting Requirements: Apply per 2 CFR 200.329. Reporting will be biennially, to begin at the end of the performance period.

Bonds and Insurance: The contracts awarded by AEA for construction of the facilities and improvements will include payment and performance bonds. The Denali Commission shall be named as an Additional Insured on the Liability Insurance Policy of all consultants and the General Contractor(s) retained by AEA pursuant to this FAA.

NEPA Documentation: AEA shall provide NEPA documentation consistent with the Denali Commission policies and procedures published in 45 CFR Part 900 on October 1, 2016. The Documentation shall cover the new power plant, distribution system upgrades and all other related construction supported via this Financial Assistance Award. No construction activities may commence until the NEPA process is complete and the Commission has reviewed and approved all NEPA documentation.

Cooperative Agreement: AEA agrees to cooperate and collaborate with the Denali Commission during the project. The Commission will participate in those specific activities stipulated in Attachment A.

15. Program Manager, Financial Manager & Other Contact Information

Denali Commission	Alaska Energy Authority
Tom Wolf Program Manager 510 L Street, Suite 410 Anchorage, AK 99501 Phone: 907-271-1414 Fax: 907-271-1415 E-mail: twolf@denali.gov	Tim Sandstrom Project Manager 813 W. Northern Lights Blvd. Anchorage, AK 99503 Phone: 907-771-3082 Fax: 907-771-3044 E-mail: tsandstrom@aidea.org
Janet Davis Grants Management Officer 510 L Street, Suite 410 Anchorage, AK 99501 Phone: 907-271-3036 Fax: 907-271-1415 E-mail: jdavis@denali.gov	Amy Adler Financial Manager 813 W. Northern Lights Blvd. Anchorage, AK 99503 Phone: 907-771-3013 Fax: 907-771-3044 E-mail: aadler@aidea.org

***Financial Assistance Award 1550
Between the Denali Commission and Alaska Energy Authority
For Remote Power System Upgrades – Akhiok, Alaska
Attachment A
02 April 2018***

- a. Scope of Work: Design and construct a new modular diesel power plant in Akhiok, Alaska. The facility will include equipment that facilitates the possible connection and integration of future renewable energy projects. The scope of the project also includes a heat recovery system to provide heat to one or more nearby building and upgrades to the electrical distribution system as funding allows. The Denali Commission shall review and approve the schematic design documents before AEA proceeds with the final design. AEA will prepare a CATEX checklist for the project during the design phase that is consistent with NEPA guidelines and the Commission's Recipient Guidelines and Requirements.

Construction activities may begin after Commission Review and approval of the final design and environmental documents, and after the availability of the required construction cost share match is verified. The selected Contractor shall secure all required construction permits and construct the new facilities.

- b. Deliverables:

- Design Documents
- Draft Environment Documents
- New community power plant facility
- Distribution system upgrades
- A final report detailing the entire project and outcomes

- c. Budget: See attached Budget and Funding Summary dated 02 April 2018.

- d. Delivery Method: Design by an engineering consultant selected through a competitive procurement process. AEA will competitively bid the project construction, consisting of the following elements:

- Site Preparation
- Construction of the modular power plant
- Transport module to Akhiok
- Foundation construction and installation of module
- Start up and commissioning
- Distribution system upgrades
- Warranty

Construction Administration services will be provided by a licensed engineering firm under an amendment to their design contract for the project.

The Denali Commission shall review and approve the final design documents and participate in the engineering consultant and general contractor selection processes.

- e. Schedule: Key project milestones are summarized below.

Complete Design: September 2018

Select General Contractor: November 2018

Construction Complete: October 2020

Award Closeout: December 2020

BUDGET				
Line	Item	Provided By	Amount	Basis/Notes
1	Planning and Design			
2	Project Management	AEA	\$23,000	200 hours @ 115/hr burdened labor rate
3	PM Travel	AEA	\$2,000	1 trip project kick-off, design plan
4	Design, Permitting, and Construction Admin	Consultant	\$350,000	Engineering contract
5	Subtotal		\$375,000	
6	Construction			
7	Project Management	AEA	\$86,250	750 hrs @ \$115/hr burdened labor rate
8	PM Travel	AEA	\$7,500	Assume 3 trips during construction and project close out
9	Module Fabrication	Contractor	\$1,320,000	Estimate by Tim Sandstrom based on similar projects. Assume 100% contract costs for the purposes of calculating Indirect Costs for this budget.
10	Field Construction	Contractor	\$1,071,875	
11	Construction Administration	Consultant	\$120,000	5% of lines 9 + 10
12	Subtotal		\$2,605,625	
13	Indirect Costs			
14	AEA Indirect Costs ^a		\$19,375	10% of lines 2, 3, 7, 8; 10% of first \$25,000 of lines 4 + 11; 10% of first \$25,000 of lines 9,10
15	Total		\$3,000,000	

Additional Notes
a. AEA does not have a federally negotiated indirect rate; use the 10% de-minimus rate in 2 CFR 200.414

FUNDING				
Line	Source	Award or Reference	Amount	Notes
16	Denali Commission	This Action	\$1,500,000	
17	Total Funding Available As Of This Action		\$1,500,000	
18	Current Shortfall		\$1,500,000	State FY19 RPSU funding pending legislative and gubernatorial approvals. Minimum non-federal construction match required for this project based on above budget = 50% of line 12 = \$1,302,812